

PRODUCTION OF 1-HEXENE

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Abstract of JP7149672

PURPOSE:To obtain a process for the production of 1-hexene on an industrial scale at a low cost by the oligomerization of ethylene followed by the separation of 1-hexene from the reaction solvent by distillation and the recycling of the reaction solvent to the reaction system. **CONSTITUTION:**1-Hexene is produced by oligomerizing ethylene in a reaction solvent to obtain an alpha-olefin oligomer composition containing ≥ 50 -wt.% of 1-hexene, separating the 1-hexene and the reaction solvent from the reaction liquid containing the reaction solvent and the alpha-olefin oligomer composition by distillation and recycling the recovered reaction solvent to the reaction system.

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